



THE BLURB

AREA MEMBER

PHILMONT MOBILE RADIO CLUB INC.

APRIL
1963

STAG

dinner

alpine

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APRIL
17

VOLUME 13

NUMBER 4

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The "Blurb" is published by and for the members of Phil-Mont to further the interest of Amateur Radio in general and Mobile Radio in particular. We endeavor to keep the news accurate, interesting and in a small way educational. Copying and quoting is permitted and subscriptions are gladly exchanged with other radio clubs.

DEADLINES

The "Blurb" is mailed on the last Monday of the month. All material for the "Blurb" must be received by the Editor, K3KUD before the 15th of the month.

1963 CLUB OFFICERS

President Charles Greenwood W3GOW
Vice President Enos Bartol K3GNJ
Treasurer George Weed W3MHR
Secretary Joseph Elmaleh K3HLJ
Directors: W3VVS (E63); W3QQH (E64);
K3DJE (E65); W3CDY (A); W3NIP (A);
and all 1963 Club Officers.

New members chairman: W3DSG

NET AND NET FREQUENCIES

Channel 1 - 29493 kc Channel 3 - 147.78 mc
Channel 2 - 29629 kc Channel 4 - 50.7 mc
Orange Juice Net) Weekdays 0700 - 0730
Scrambled Egg Net) 0730 - 0830
Ten on Ten Sundays 1000 - 1100
Blarney sessions anytime All Channels
29493 kc 0930 - 2400

Monitored daily for the benefit of mobiles in the Philadelphia area.

P M R C CALENDAR
MEETINGS

Regular Meetings: First Monday
of each month.

Time: 2000 hours (8:00 p.m.)

Place: FRANKLIN INSTITUTE

20 & Benj. Franklin Parkway

MID-MONTH SCHEDULE

Mar. 13, W3EQV - Aug. 14, W3DJW
Apr. 17, W3WNC - Sep. 18, W3HFD
May 15, W3GOW - Oct. 16, W3AWH
June 12, K3KUD - Nov. 13, W3ADF
July 17, W3NIP - Dec. 18, W3MHR

*Make tracks to W3WNC
After youve
Had DINNER at the ALPINE*

Sam's CORNER
*JACKIE, I SEE THAT
PHILMONT'S STAG DINNER
IS AT THE ALPINE!*



APRIL 17.

THE PREZ SEZ -

THE COMING OF SPRING

They do say that Spring is here; I'll believe it when I see it - probably about July 3. Then, as the ice and goo and seventy varieties of flu sink slowly in the west, we will say 73 to the Winter of '62-'63 and start thinking about spring and summer activities - picnics, clambake, Field Day, etc., and the Annual Egg Roll on the President's lawn (JFK's, that is).

Your Committees are planning several outdoor social events for late spring and late summer. With sufficient support we can have an inexpensive square-dance this spring. There will be requests to furnish mobile communications for various events.

The boys on the committees will "knock themselves out" making the best plans possible. They deserve your support which you can best give by attending as many functions as you possibly can. To use an old cliché, you will obtain more enjoyment as a Phil-Monter in proportion to the number of activities in which you participate. The dates and plans for these events will be made known to you in plenty of time for you to make your plans to join us. I hope to see you all at our first picnic.

de W3GOW

IT SEEMS TO ME -

This issue of the Blurb is number twelve for the present staff. The past year has been interesting, frustrating, and frequently frantic, but never boring or monotonous. I have personally learned quite a bit about dealing with people, scrounging material and many other things necessary to getting out each edition. One of the nice things I learned was how much help is often received from unexpected sources.

I think we have kept the Blurb growing; I hope that we have kept it interesting to the membership, for which, after all, it is written. My thanks for much "aid and comfort" to those who are listed in the masthead, and even more so to those who are not, but helped just the same.

de K3KUD

FLASH ! ! ! FLASH ! ! !

An amendment to the Rules simplifying log-keeping requirements for mobiles !
DOCKET NUMBER 14853 RM-281

12.136(a) The date and time of each transmission, except that for a period of continuous mobile operation, the time of each transmission may be omitted, provided, that the dates and times of commencing and terminating such mobile operation are entered in the log. (The date need only be entered once for each day's operation. The expression "time of each transmission" means the time of making a call and need not be repeated during the sequence of communication which immediately follows: however an entry shall be made in the log when signing off so as to show the period during which communications was carried on.) Amendment effective 21 March 63

DOCKET NUMBER 14853 (Concl'd)

2.....In this regard, The Commission contemplates that a licensee operating mobile will maintain his log at his first opportunity, such as a stop for service, food and lodging, or upon completion of a day's journey. Of course, memory limitations may require some licensees to make an occasional stop to record data necessary for the accuracy and completeness of their logs.

3. Qualified support was received from those licensees who felt that greater relaxation of log entry requirements should be made. As to these comments, the Commission notes that meeting the present logging requirements, except the one being changed in this Docket, does not appear to impose an undue burden upon licensees and is considered necessary to administration and enforcement in the Amateur Radio Service.

*The above information was supplied
to us by Kenneth M. Roberts, W3RFQ,
Acting Engineer-In-Charge since the
retirement of Roger E. Phelps.

* * * * *

VHF ROSTER

The following information is all we have to date on VHF capabilities of member stations:

<u>call</u>	<u>band</u>	<u>fixed/mobile</u>	<u>antenna</u>
K3EID	2m; 6m	fixed	vert; horiz
W3EXY	2m	fixed	-----
K3KUD	6m	fixed	horiz
W3UMK	2m; 6m	fixed	6m horiz 2m horiz & vert
K3UWO	6m	mobile	vert

I know positively that we have more VHF equipment than this in the Club, but we can only list that for which we receive cards. If the above is of interest, I suggest that you save it for reference since at this point the original idea of setting up and maintaining a roster seems to have little merit.

ED

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FIELD DAY

With Field Day rapidly approaching, our committee is starting to make plans. Next month we will have a lot of information and ideas for everyone interested in this project. This is the year we go over the top, so be sure to keep posted.

* * * * *

S P A R K, the South Philadelphia Amateur Radio Klub, is having an "Open House" on Sunday, March 31, 1963, at the Childs School, 17th & Tasker Sts., (entrance on 17th St.) between 1:00 and 5:00 P.M., with door prizes and refreshments. There will be new amateur equipment displayed by factory representatives. The talk-in frequencies will be 29.360 Mcs., 50.82 Mcs., and 145.62 Mcs.

* * * * *

CLUB NEWS AND ACTIVITIES

March Meeting - This was a meeting thoroughly enjoyed by all who attended, but especially by W3WNC who was the winner of the DX-100. This transmitter was Club property and was chanced off as a means of disposing of it in a way which would permit all members to have an equal chance of owning it. Also featured was the annual "Freebee Auction" where the purchases and the Club make all the profit, the auction items being donated.

April Mid-Month Meeting - will be held at the home of W3WNC on April 17. As always before the April meeting, the Annual Stag Dinner will be held at the Alpine Inn. Come early and meet the gang for cocktails, have a delicious dinner and then join us at Hy's for the meeting.

The Editor has not been overwhelmed by the response to his request for information concerning the VHF capabilities of Phil-Mont member stations. Write 'em on a card and drop 'em in the mail.

From time to time, the Blurb will carry a list of automobile license numbers, the owners of which the police are desirous of contacting. The list will be furnished by the Philadelphia Police Department. Please note, if you see one of the listed numbers on a car, DO NOT TAKE ANY ACTION other than to notify the nearest Police Department; you do not have to notify Philadelphia, any department will have the list and know exactly what to do.

Do you need Club QSL cards? W3MHR is ready, willing and able to order them. Information and order blanks are included in this issue.

The ground plane antenna Tekni-gram, information for which was contributed by W3WNC, and which appeared in the January Blurb, has gotten as far as Michigan at least. The "Tickler", published by the Adrain Amateur Radio Club announced the availability of this data and gave WNC and Phil-Mont credit.

This month, a new feature has been added, namely "Let's Get Acquainted". We sincerely hope that from time to time the membership will send us similar sketches of other members of the Club for publications. Send us your own if you so desire-don't be bashful. Our thanks to Lloyd, W3CDY, for the fine job he did on this first one.

The program for April is "ANTENNAS" by W3HFY

On June 2, Phil-Mont will provide communications for the Junior Chamber of Commerce Air Show at the Northeast Airport. K3HIJ and W3FOG will handle the arrangements. We will need mobiles and walkie-talkies for this job.

Lloyd, W3CDY, is desirous of hearing from any and all members who would be interested in a Square Dance Party. Lloyd assures us that even the uninitiated will thoroughly enjoy themselves and will be well on the way to becoming experts by the time the party is over.

FRANKLIN INSTITUTE STATION, W3TKQ

In order for Amateur Radio Station W3TKQ to be more active in amateur radio, the following rules have been drawn up to govern its operation by approved operators who are member of Phil-Mont Mobile Radio Club. These rules have been approved by Robert W. Neathery, Director of The Science Museum, John E. Christ, Director of Personnel and Security, and Fredwood S. Shaw, Station Trustee.

RULES FOR OPERATION OF W3TKQ IN HOURS WHEN THE MUSEUM IS NOT OPEN

1. Only those members of Phil-Mont Mobile Radio Club who have been checked out and approved by Fredwood S. Shaw, Trustee, may operate the station after hours.
2. To be an approved member, the Phil-Mont member may be checked out by Nelson Schurr or Lloyd Sherman, but he must be approved by the Station Trustee.
3. A list of approved operators together with their signatures opposite their names shall be prepared. Three copies of this list are to be made. One copy shall be kept in the Office of the Director of the Science Museum, one in the Office of Director of Personnel and Security, and the third shall be in the hands of the Pinkerton Guards.
4. Each operator shall be given a certificate signed by Mr. Neathery, Director of the Science Museum and by Mr. Shaw, Station Trustee. Since this certificate, in effect, gives permission to non-institute employees to enter the building after hours, it should be shown to the Pinkerton Guards upon request.
5. The approved operator must also carry his amateur radio operator's license and shall show this to Pinkerton Guard upon entering the building.
6. A "Sign in-Sign out" book will be maintained at the Pinkerton Guards' Desk. The approved operator will sign his name together with the time of his arrival when he come in and indicate the time when he leaves.
7. A key to W3TKQ will be left with the Pinkerton Guards. Approved operators may pick up the key upon arriving but must leave it with the guards when they leave.
8. The above rules apply to "approved operators" only. No others -- whether members of Phil-Mont Mobile Radio Club or licensed operators shall be permitted in the building for purposes of operating the station except on nights of regularly scheduled meetings of Phil-Mont Radio Club. Likewise, under no circumstances, may approved operators bring members of their family nor friends into the building under these regulations.
9. Hours of operation shall be 6 - 11 P.M. each night.

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CHANNEL CHATTER

K3GNJ, on the spot when an accident occurred near Barrington, N. J., called for help on Channel 1 and K3CEE and WA2RDC relayed the call to the police in a matter of minutes---K3HWX/WQT sporting that new call and finding all kinds of help available in the search for appropriate phonetics---WA2RDC has a nice new, homebrew standby receiver-good old ARC-5!---K3DJE is trying to corner the market on DX-40s-maybe you'll come up with one good one if you get enough parts, Bob--W3MHR, trying out his new walkie-talkie, got an S-1 report in Glenside and an S-9 in Lahaska, Pa. George was in Wyncote and K3BRR (Lahaska) insisted he was reading him---W3LEM is slowly but surely removing the wall behind his rig. Every new piece of gear means a new hole in the wall for antenna connections.---W3VVS on 160 meters, talking to W3QQH-the airline distance between their stations just makes a nice 160 meter antenna---Whatever happened to W3DSG? his signal is seldom heard from the home station anymore-all absorbed by the new accoustical tile job?---W3DYP made DXCC from the home station-congratulations Nelson---W3WNC has joined the SSB brigade---W3EQV getting on the summer schedule-he was heard portable in Mays Landing ---"Mike", XYL of K3HIJ now owns the call K3UJI. Congratulations---K3EID will soon be truck mobile and back on the air---K3HIJ is now an RTTY station-operates 20 meters---W3PWG has ordered a new Apache and SSB adapter from Heath. He will have a 400B Globe King with VFO and Johnson filter available as soon as the new equipment arrives and is built---W3EQV was even advertising Field Day on the cakes at Mid-Month!

- SPECIAL MAY MEETING -

On Monday, May 6, 1963, the Phil-Mont Mobile Radio Club will present an Inter-Club Program.

The subject is "Wave Form Behaviour." This presentation is very simple in nature and comprehensive in coverage. There is something for the beginner as well as the OM. It will cover resonance, reflection, loading, transformer action, impedance matching, phasing, etc.

Mr. Lou Gagliardi, Assistant to the Administrator for Museum Education of the Science Museum of The Franklin Institute, will present this program.

It will be held in the Lecture Hall on the Ground Floor, where we can accommodate three-hundred and fifty people.

This program is intentionally scheduled for early spring to permit more hams from greater distances to be present. Come as a club, as a group, or individually. You are invited to be the guest of Phil-Mont at this meeting.

" L E T ' S G E T A C Q U A I N T E D "

Our first member to get acquainted with is Nelson Schurr, W3DYP. He was born in a section of Norriton Township. This area above Norristown, of course, is familiar to some of our members. Nelson, however, moved into the city and here received his education. He attended the William Penn School, Wagner Grammer and Northeast High School.

During these early years, Nelson was introduced to Ham Radio by his brother. During this early period the American Morse Code was used, which he claims he does not remember--maybe, it is best that he doesn't.

After being cast to the cruel world to take his place among the bread winners, Nelson started as an apprentice, learning the transmission-belt business; from this he went on to plastering. This paid off better, Nelson claims. Once he had a bad day when he was plastering a ceiling. The ceiling fell in! Seems as though it dropped on the stock market, and it also crashed. That was way back in 1929. Somehow, he got out of that mess and joined the police force in the big city.

For twenty years one had to keep an eye out for him, never knowing when he might be on your tail or just around the next corner. Finally after those twenty years they gave him a pension. I'm sure it was to get some new material for the force--I mean younger. His request for pension however was also considered in the matter.

By this time you would think he would settle down, but not Nelson. He went to teach artistic and house plastering at the Pennsylvania Institute of Technology. After a year of teaching, he decided he would rather go out and do it himself. He even went back to the same contractor he worked for some twenty years earlier. Guess it made little difference, since Nelson and the contractor cared little about the year 1929,

About this time, he turned his attention to the hobby of carving pipes. Carving a pipe from Briar or Bryer wood occupied his spare time for quite a period. During this time he produced some very special, attractive, and very exclusive pipes. To see some of his present collection, of his own carving, is a most delightful experience for even a non-smoker. You pipe smokers would probably call it a smoker's delight.

To continue would be unfair to Nelson, as it would give you little to discuss with him on the air. I'll assure you that much more can be said on all these subjects and many more. Contact him when you hear him on W3TKQ or W3DYP, and you should have a FB QSO.

de W3CDY

MOLEHILLS AND MOUNTAINS

As the result of a discussion on Channel 1 recently, in which the heights above sea-level of various local locations were discussed, the following information has been gathered with the help of the U.S. Geodetic Survey, City Engineer, City of Philadelphia and the County Engineer of Montgomery County:

<u>Location</u>	<u>Feet above Sea-Level</u>
Phila. Naval Shipyard	15.7
Billy Penn's Hat (City Hall)	594.8
Delaware Ave. and Arch St.	46.9
Eastwick (Philadelphia)	2.0 below
Wynnewood	243.7
Old Gulph Rd. & Spring Mill Rd.	428.0
City Ave. and Old Lancaster Pk.	248.3
Germantown & Summit (Philadelphia)	446.0
Gimbel's Cheltenham	300.0
Jenkintown	320.2
North Hills	259.4
Bluebell (Rt. 73 & Bluebell Rd.)	358.0
Norristown (Rt. 422 & Hallowell Rd.)	317.3
Norristown (Rt. 422 and Rt. 202)	240.0
Rt. 363 and Township Line (Field Day Site)	430.0
King of Prussia	170.0
Wings Field (Ambler)	342.0
Willow Grove Naval Air Station	310.0 (main runway)

Note that heights in Philadelphia are normally given in feet above City Datum which is an arbitrary figure based on high and low water marks in the Delaware River and is 6.0 feet above sea-level as defined by the Army Engineers.

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NAVY MARS REVISITED

The following is in response to frequent questions about the recently formed Navy MARS which was discussed previously in the October Blurb. No information is available as to equipment distribution, net set-ups or other pertinent details. For complete information and application form address:

Lcdr. C.R. Winnette, USNR
Director, Navy MARS
Office of Naval Communications
Washington 25, D. C.

* * * * *

Now that the long awaited Spring season is upon us (we fervently hope), how about getting after those antennas which have suffered from the long, hard winter? The Antenna Committee will be glad to help out, but be sure to give the boys a little advance notice, because they probably have things to do also.

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The American Mount Everest Expedition will be on the air from various locations along the route of their climb with the call 9N1ME. The frequency will be 14.037 mc.

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SWAP 'N' SHOP

For sale B & W coaxial switch - never used - K3KUD \$6.00

For sale Heath FM-4 tuner w/AFC - - - - \$20.00

Outside waterproof speaker for installing behind auto grill 7.50

For sale - or swap - Kenyon plate transformer; 1500-1250-1000 @ 300ma.

swap for 600-700 V @ 300ma - - - W3QQH

For sale Heath Cheyenne(MT-1), excellent condition, built-in xtal
oscillator and FSK circuits. - - - - \$100.00

Power supply for above (both available after 1 May 63 \$25.00

K 3 H I J

For sale B & W 5100B w/B & W speech compressor - - - \$425.00

B&W model 370 rec. adapter for i.f. range 450-500 kcs 50.00

The above as a package - - - - 465.00

or will consider Ranger II or DX100B as part payment

A54H Elmac xmtr, Gonst Super-Six conv., homebrew T/R switch

homebrew TNS, Carter Dynamotor and mike 90.00

contact H.R.Harding, W3MAT EL 7-6202

For sale Squelch-Channel-Limiter w/instructions, 12v - - \$15.00

W3MXN OS 5-5362

Wanted Teletype equipment of any kind, also military or commercial VHF
gear, 220 Mcs and above W3ZEH OW 2-2227

For sale Heath Apache and SB-10 Sideband Adapter

Eico-720 transmitter and 730 high level modulator

RCA Mark VII CB Transceiver

National NC-183 w/B&W 370 sideband adapter

Precision gm mutual conductance tube checker

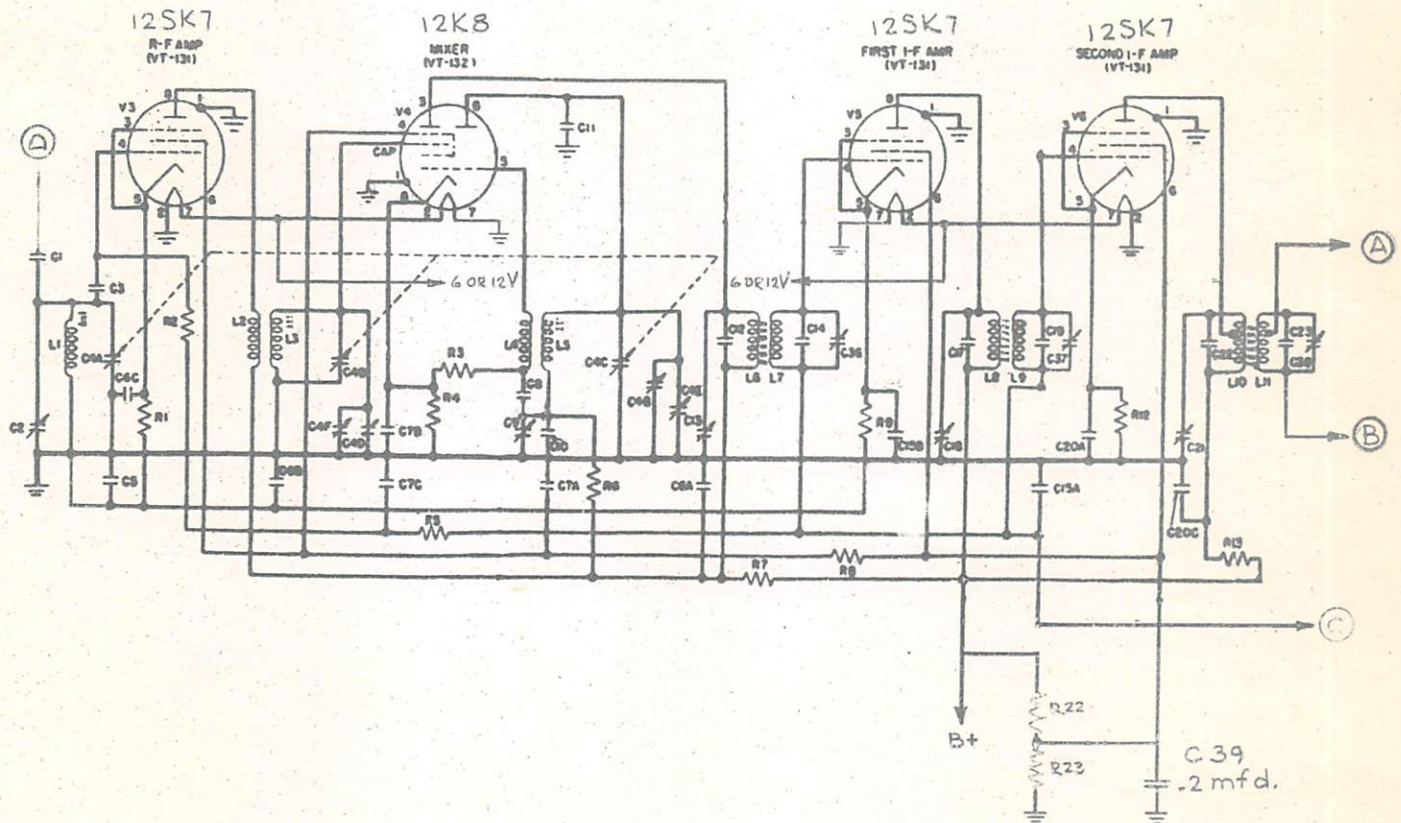
RCA sweep generator

W 3 F W I TR 7-0003

PHILMONT TEK-NI-GRAM

APRIL - 1963


ARC-5 CONVERSION (PT.2) - I.F. SECTION



- a. REMOVE AUDIO COMPONENTS AS INDICATED IN THE ABOVE SCHEMATIC.
- b. ALL UNTERMINATED LEADS HAVE BEEN IDENTIFIED BY A LETTER AND WILL BE TERMINATED LATER.
- c. THE FILAMENT CIRCUIT HAS BEEN MODIFIED TO BE USED AS A 6 OR 12 VOLT PARALLEL CONFIGURATION.
- d. IF A 6 VOLT FILAMENT CONNECTION IS DESIRED, REPLACEMENT OF THE FOUR REMAINING TUBES IS REQUIRED.
- e. C39 HAS BEEN ADDED TO REPLACE THE CAPACITOR C16A THAT WAS REMOVED WITH C16B & C16C.
- f. R11 HAS BEEN REMOVED TO PREVENT EXCESSIVE LOADING OF THE AVC CIRCUIT.
- g. THE CATHODE RETURN HAS BEEN GROUNDED.
- h. CARE SHOULD BE USED IN REMOVING COMPONENTS SINCE MANY OF THE CONNECTIONS AND SPACES CAN BE USED LATER.

ORDER YOUR QSL CARDS NOW!

FILL IN INFORMATION ON
SAMPLE CARD BELOW AND MAIL
TO: **GEO. B. NEED - W3MHR**
WITH YOUR CHECK!



CLUB FREQUENCY 29.498 Mc.

To _____

Confirming QSO of _____


Ur _____ Sigs Q _____ R _____

On _____ Mc _____

Xmtr _____

Rcvr _____

Ant _____



PRICE LIST:

FULL (4) COLOR CARD, CALL LETTERS, NAME & ADDRESS
IN YOUR COLOR CHOICE. \$ 5.00 PER 100 CARDS

BASIC COLOR CARDS (BLACK) AS ABOVE WITH CALL
LETTERS, NAME & ADDRESS IN YOUR COLOR CHOICE
\$ 3.50 PER 200 CARDS